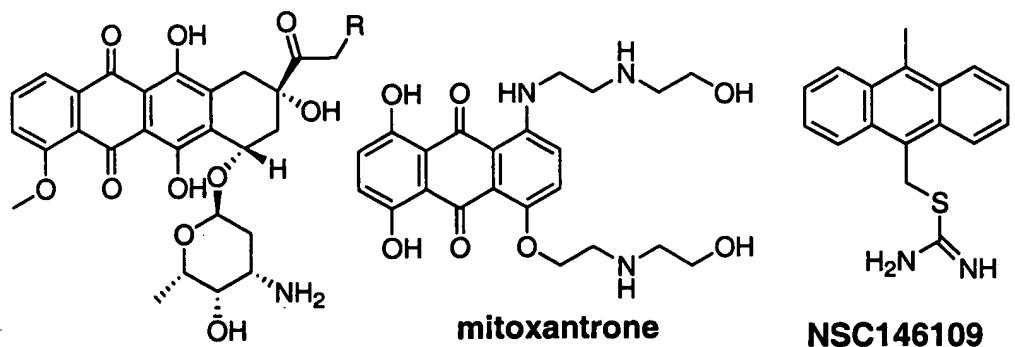


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Figure 1



R= H, daunorubicin
R = OH, doxorubicin

mitoxantrone

NSC146109

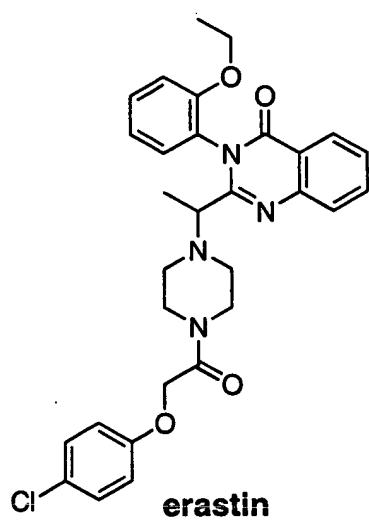
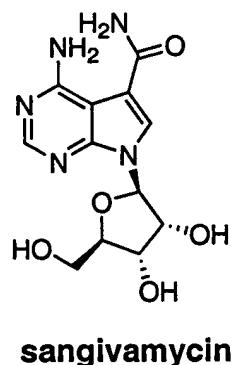
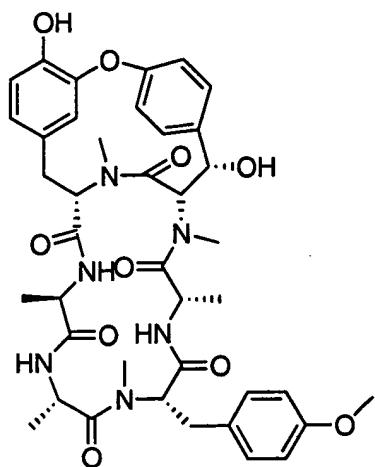
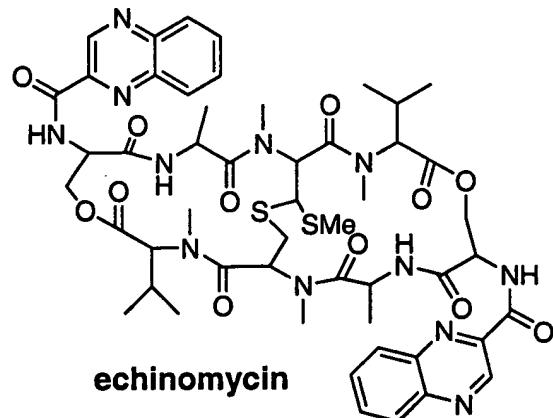
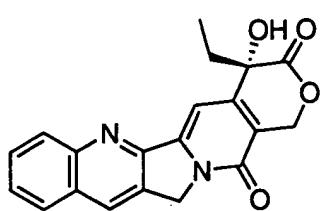


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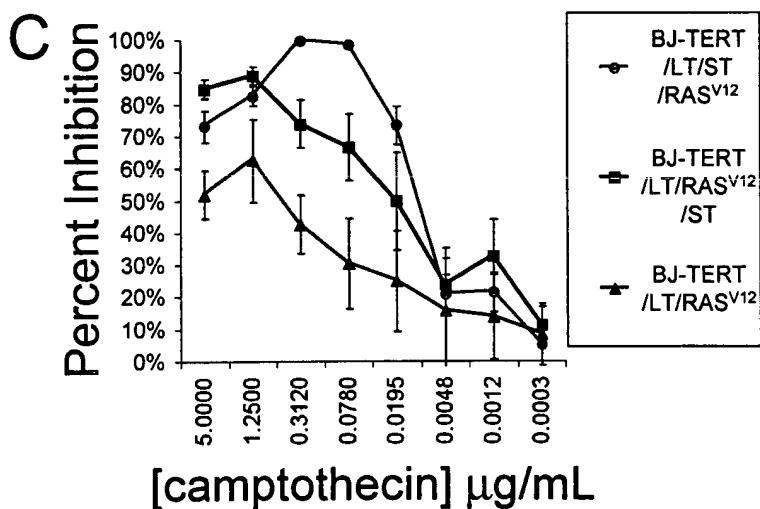
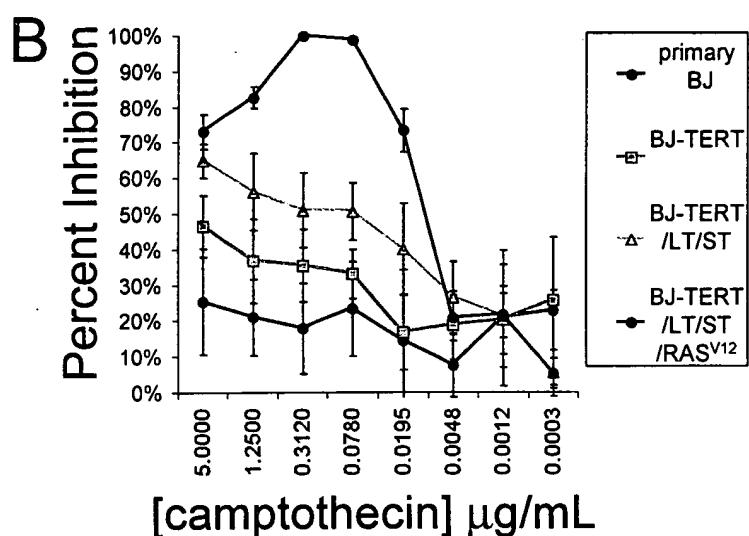
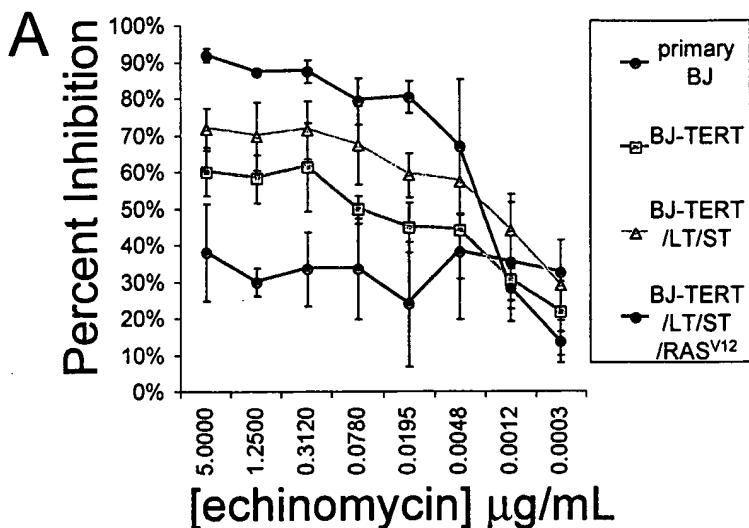


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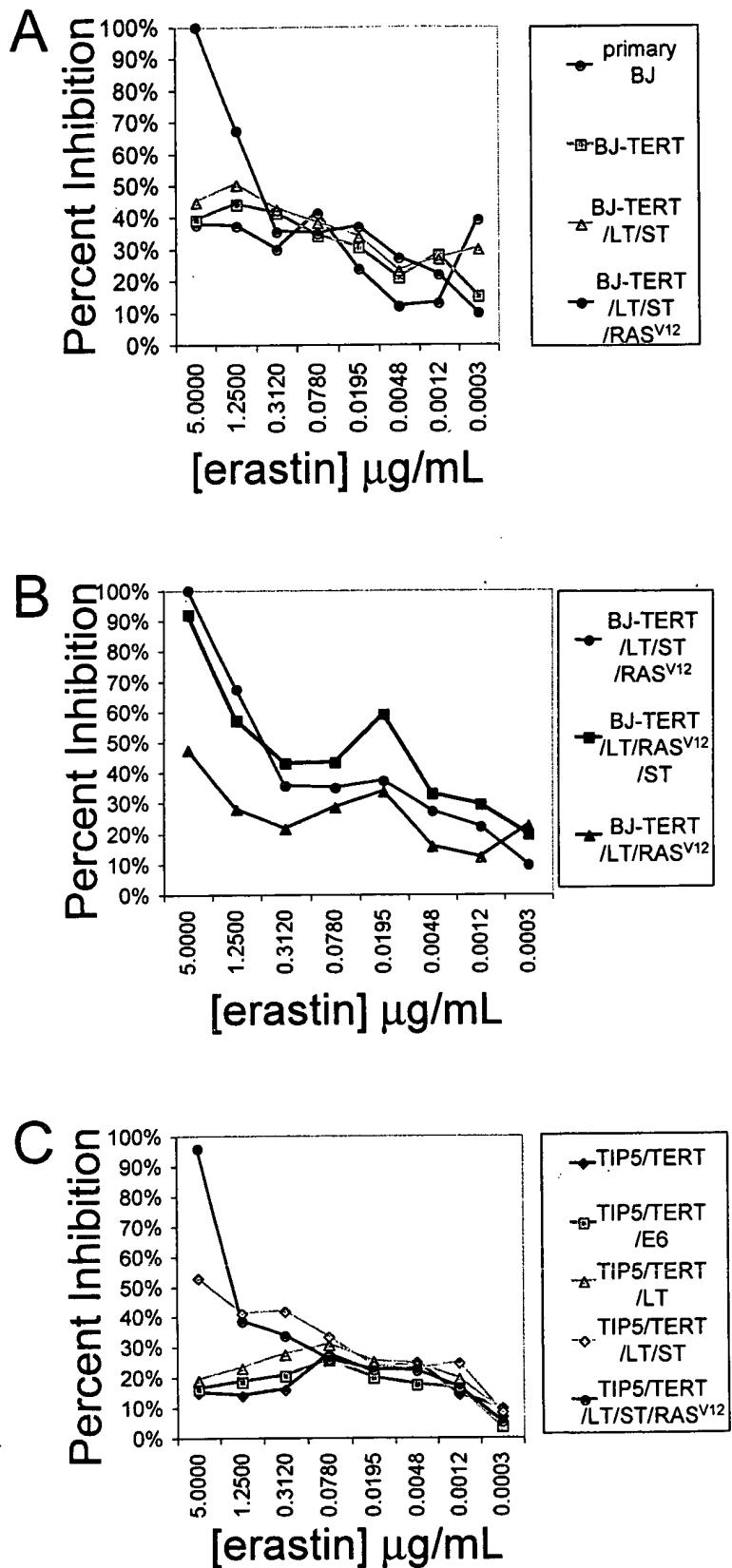


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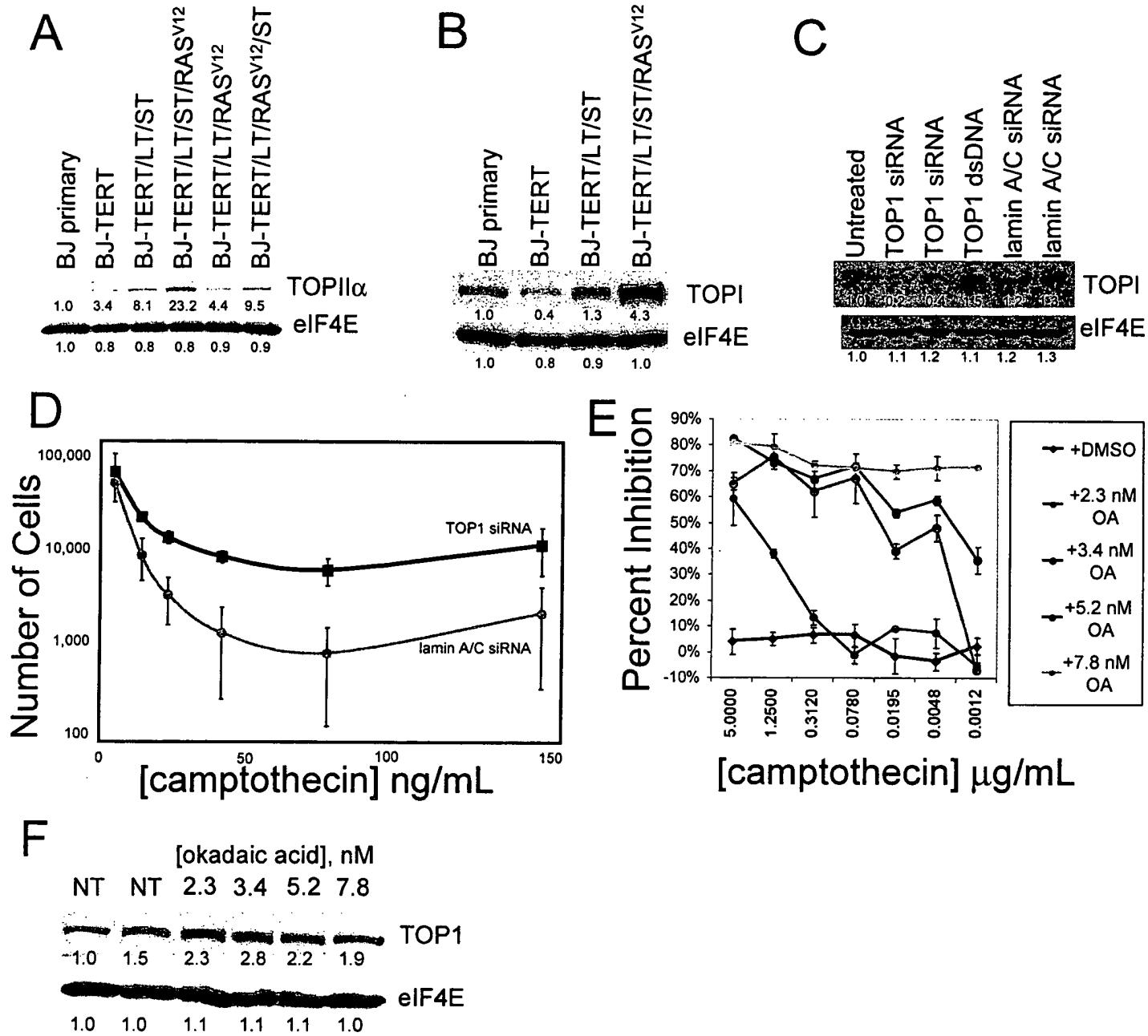


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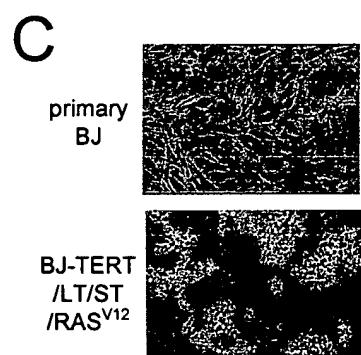
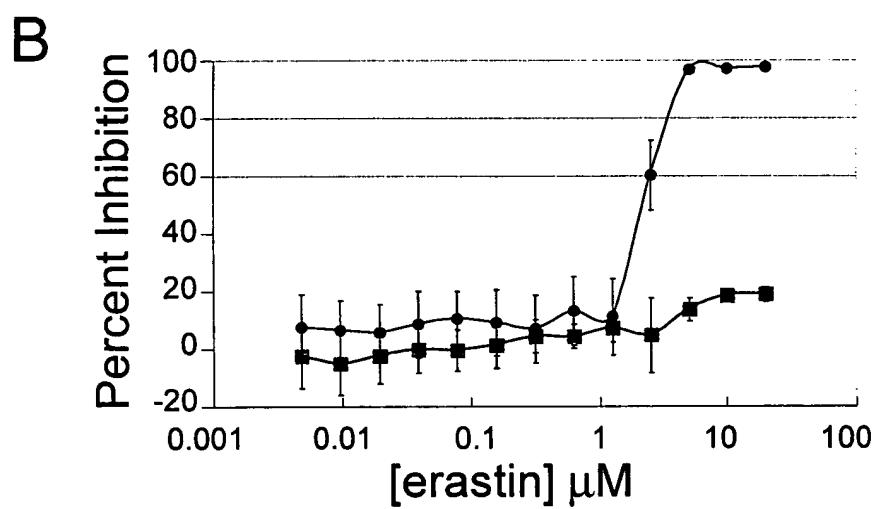
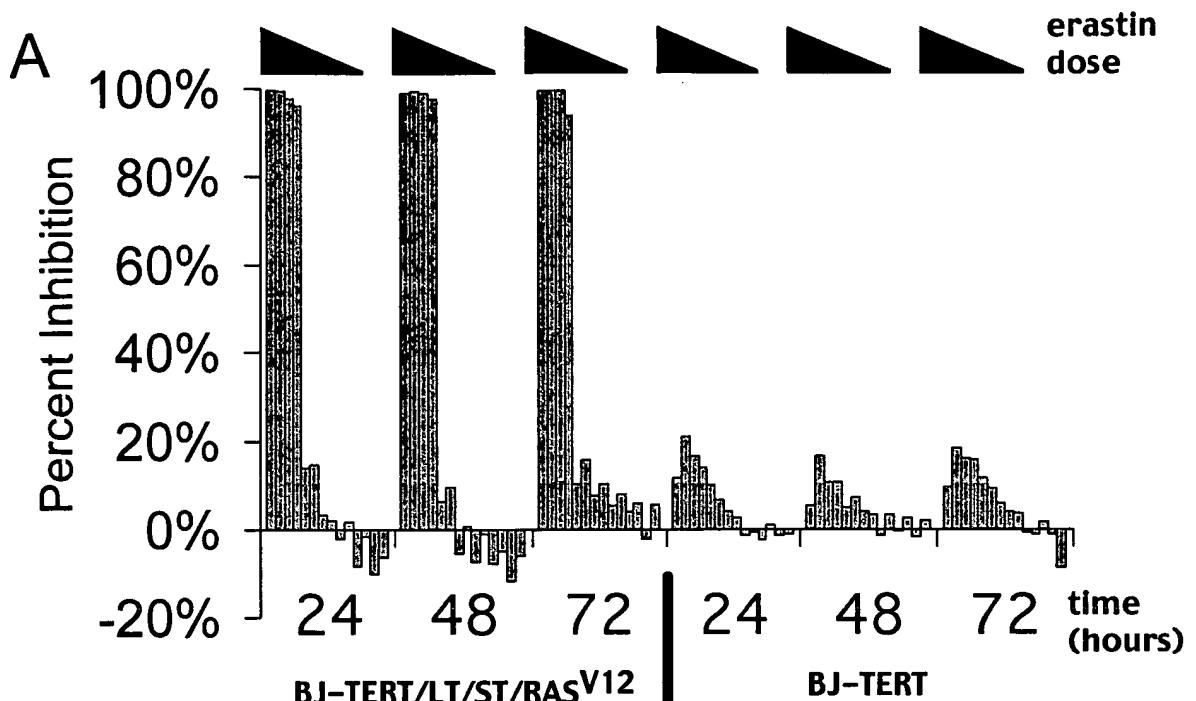


Figure 6

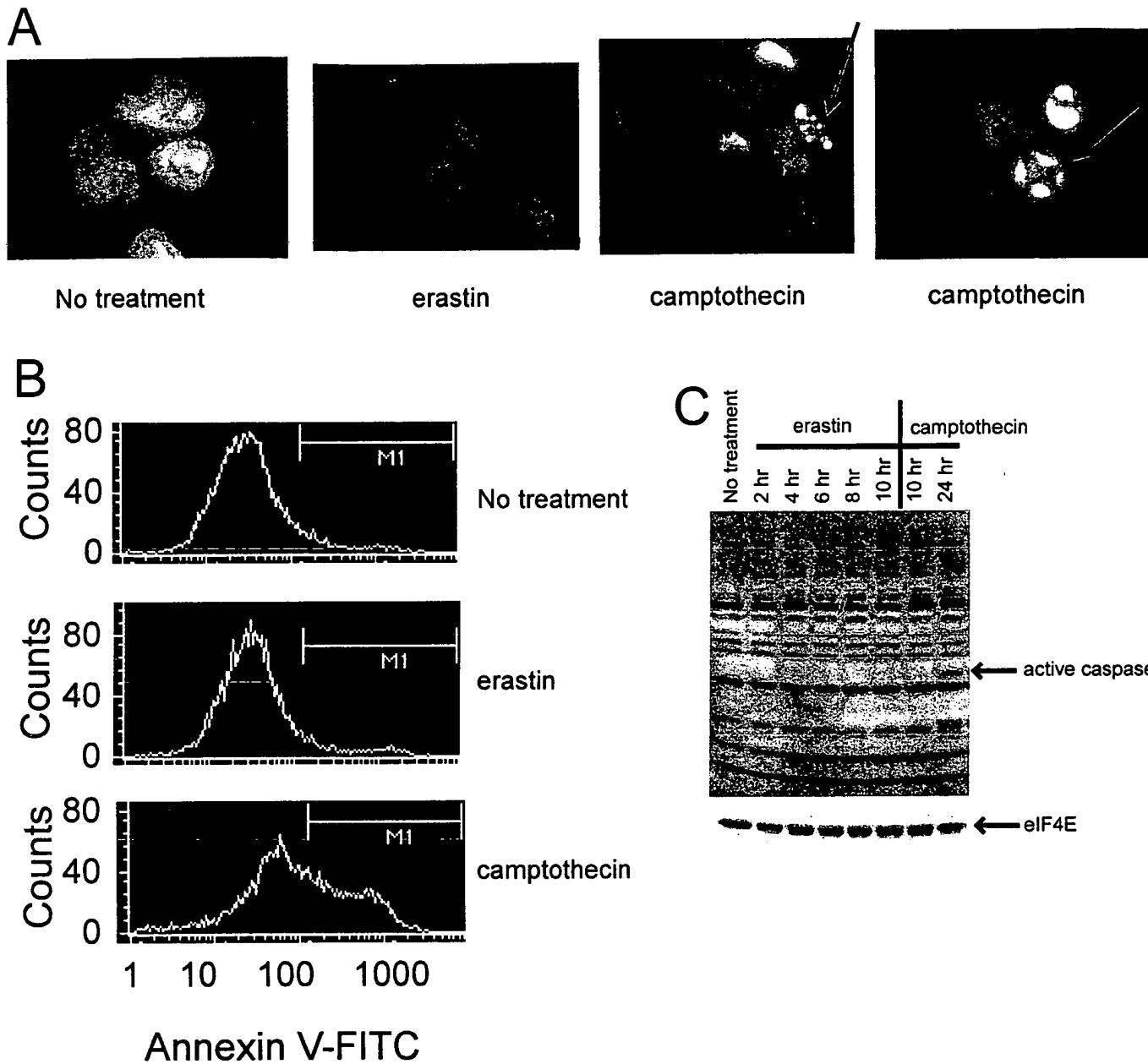


Figure 7

Structure Activity Relationship for Erastin

- Tested 135 analogs of erastin for activity and selectivity (tumor vs. normal)
- 134 were inactive
- 1 was active and selective, but less potent than erastin

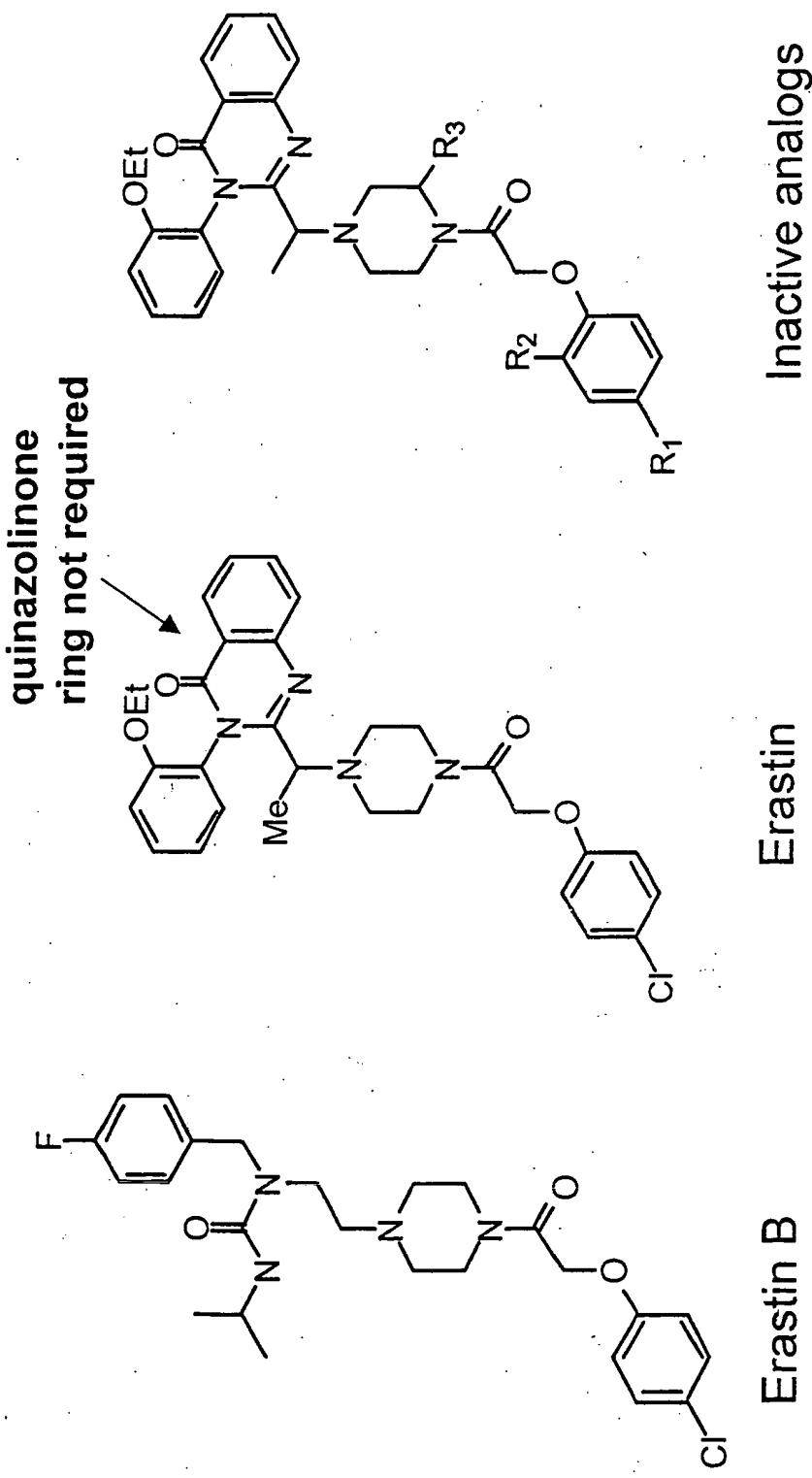


Figure 8

*Nuclei Are Intact in Erastin-treated
Tumor Cells*

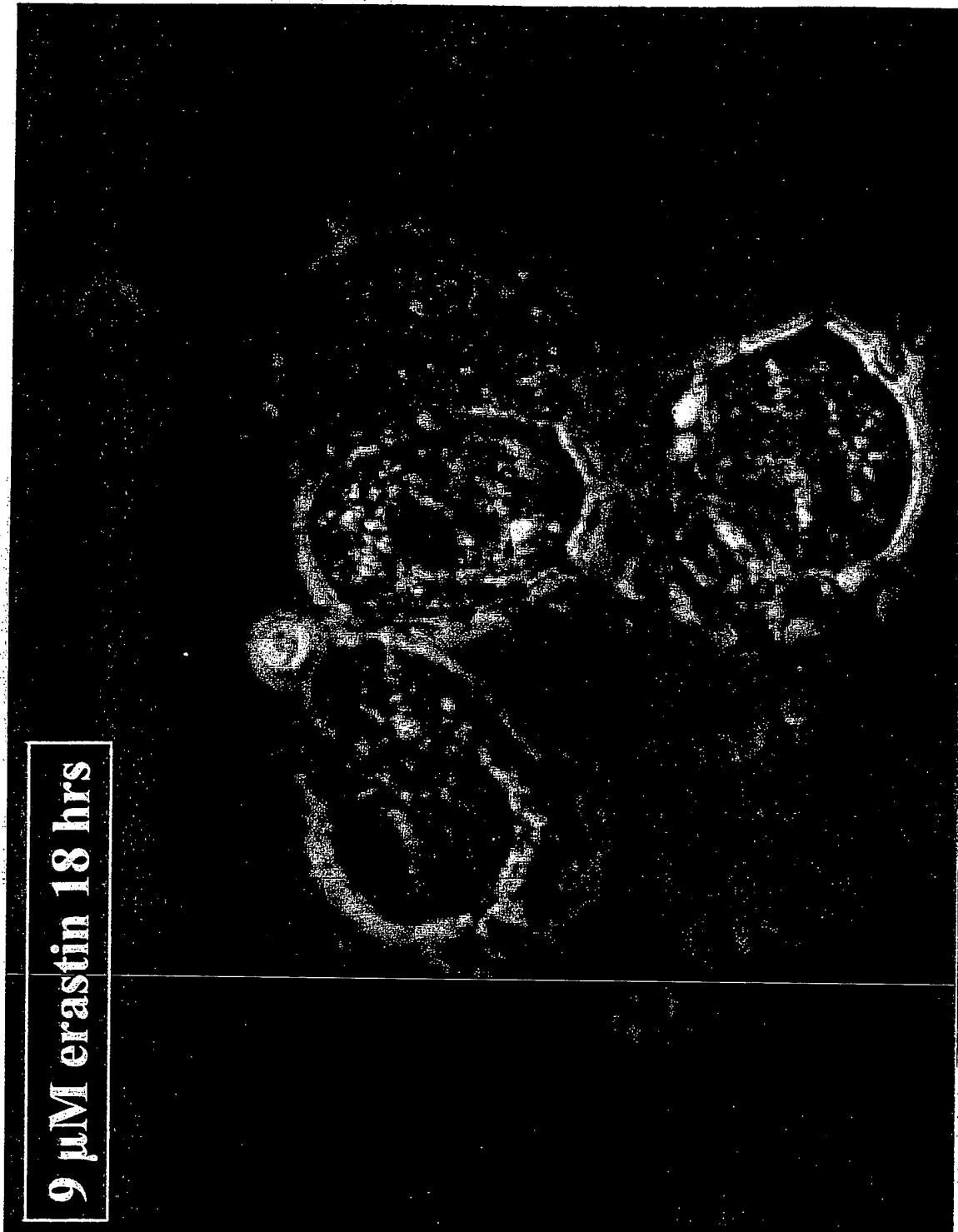


Figure 9

Erastin Induces the Formation of Reactive Oxygen Species

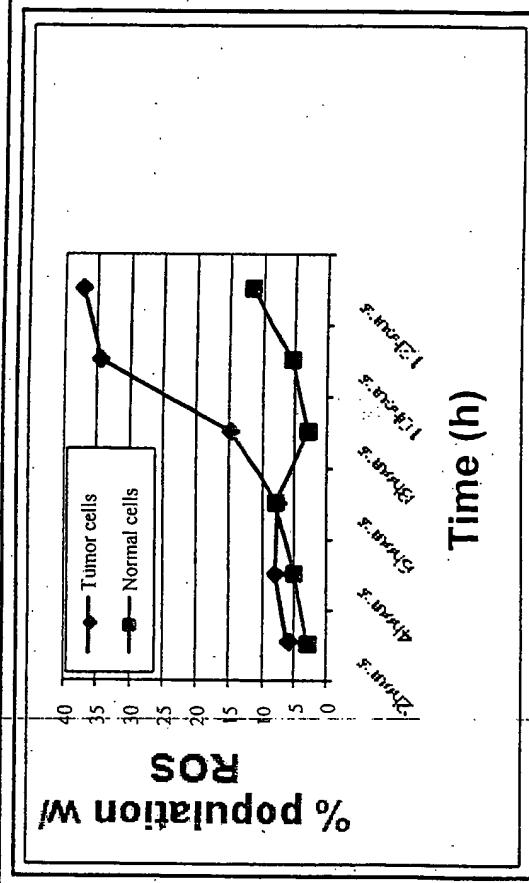
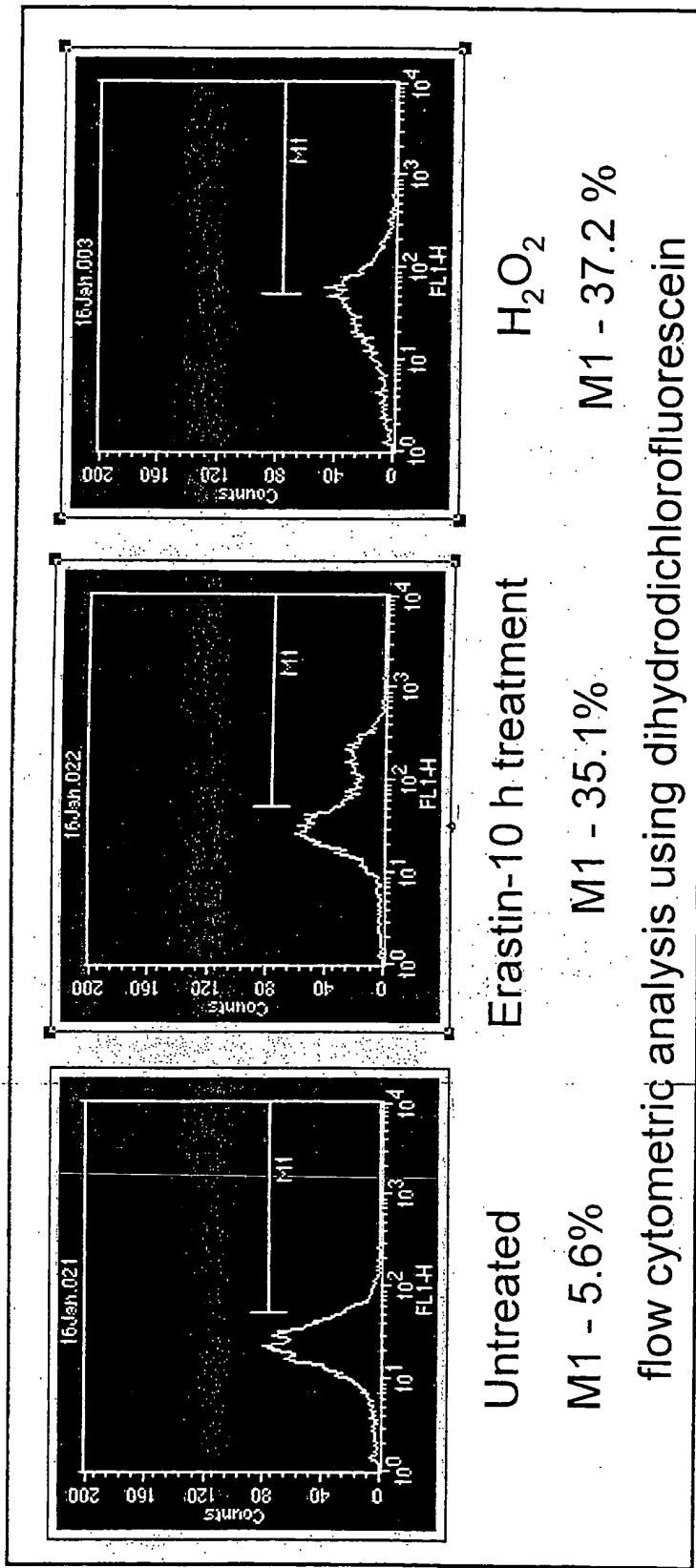


Figure 10

Sonam Dolma

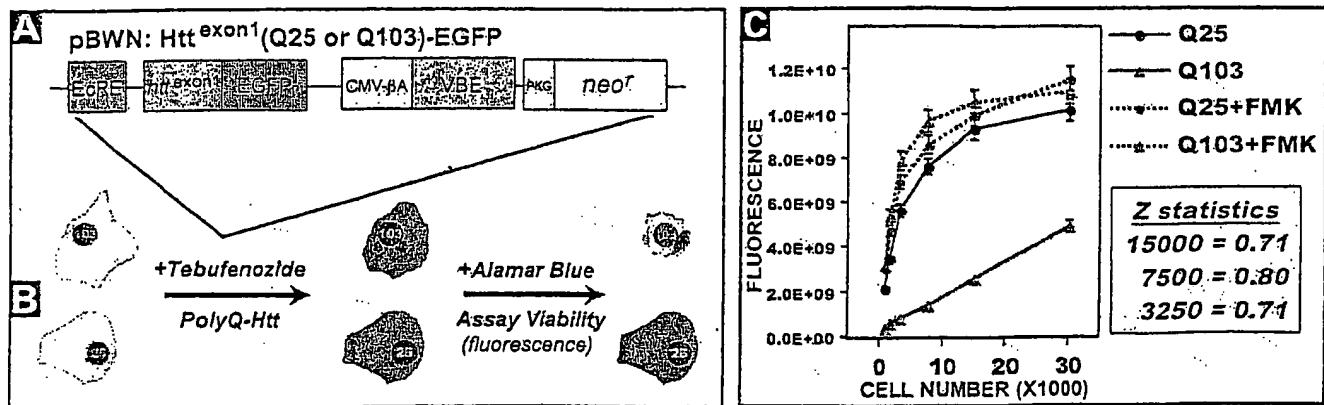


Figure 1 Modeling Htt-polyQ neurotoxicity in PC12 cells.

Figure 11

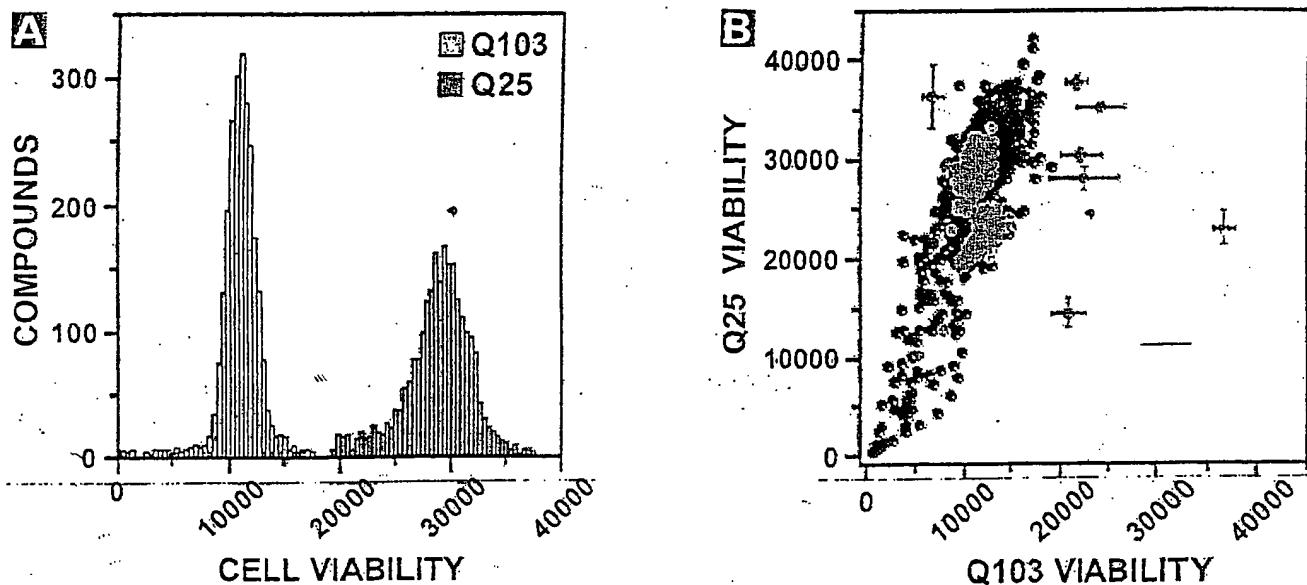


Figure 12

Figure 13. Effect of cell density on coefficient of variation (CV)

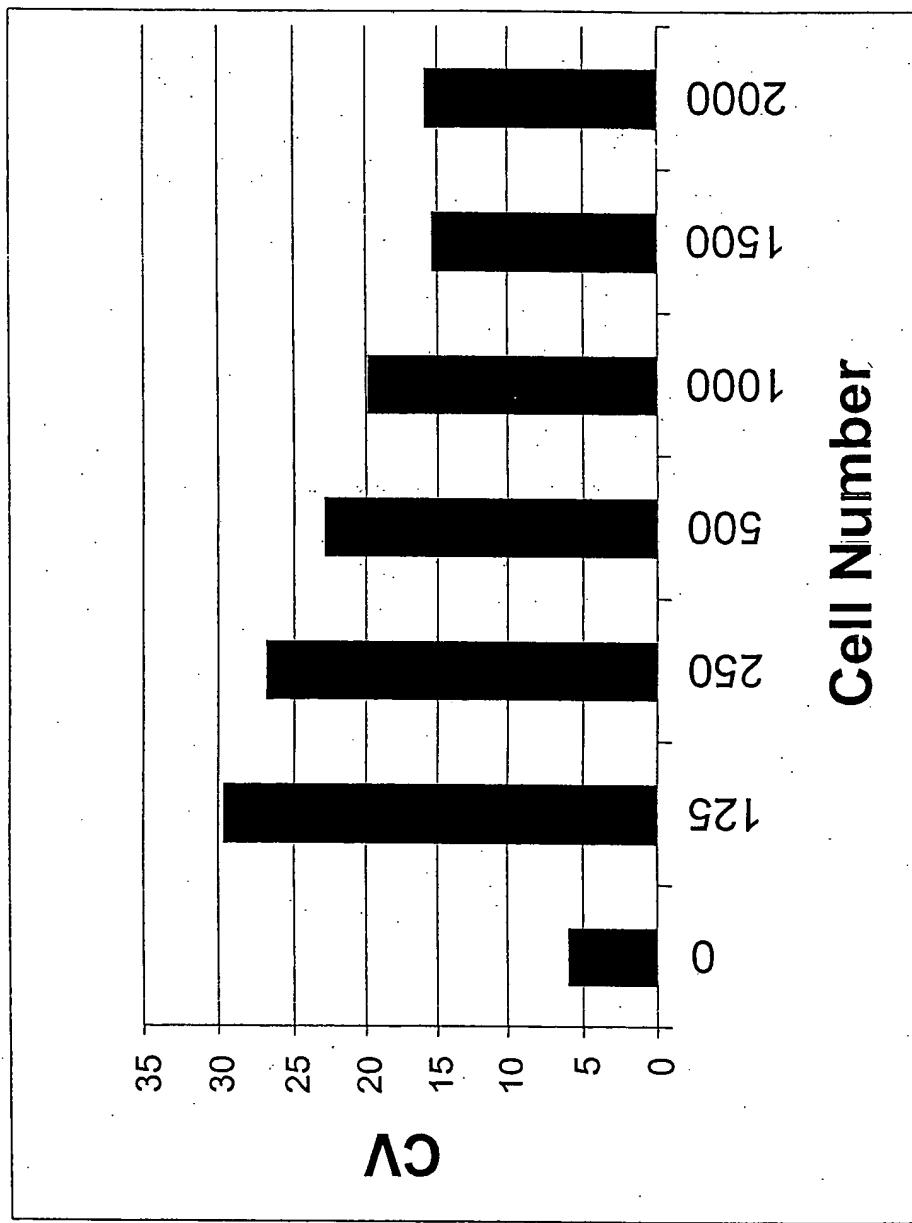


Figure 13

Figure 14. Dose-Response for Suppressor of Mutant Huntington-Induced Toxicity

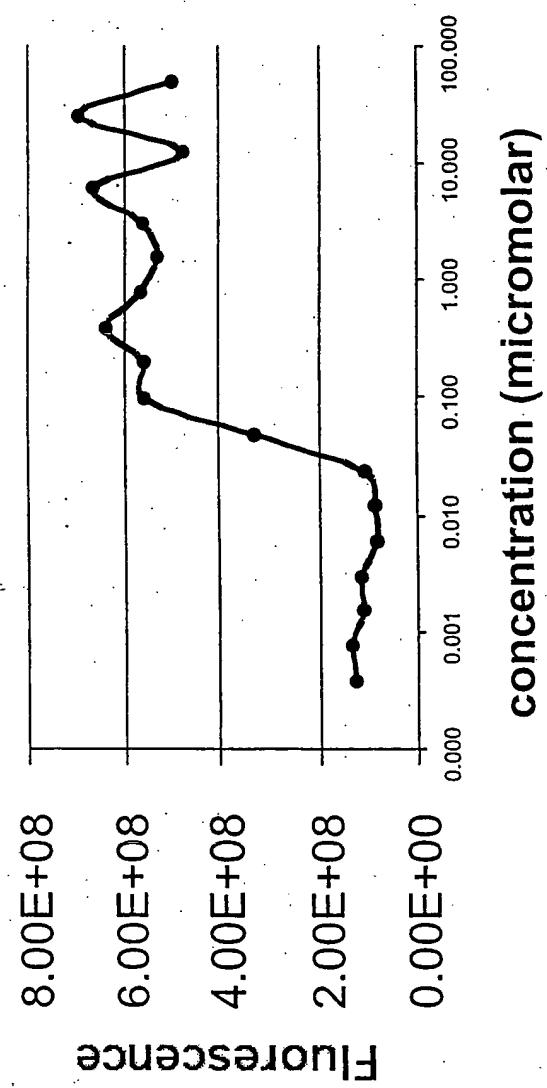


Figure 14

Tubulin Inhibitors Suppress Mutant Huntingtin-Induced Cell Death

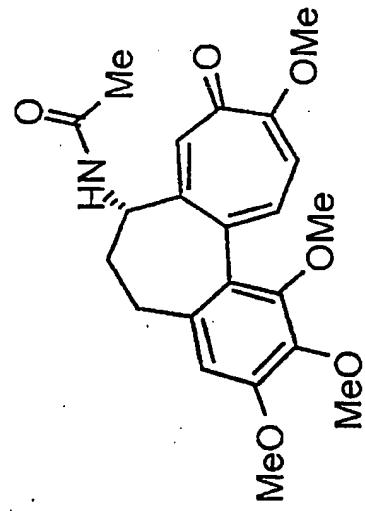
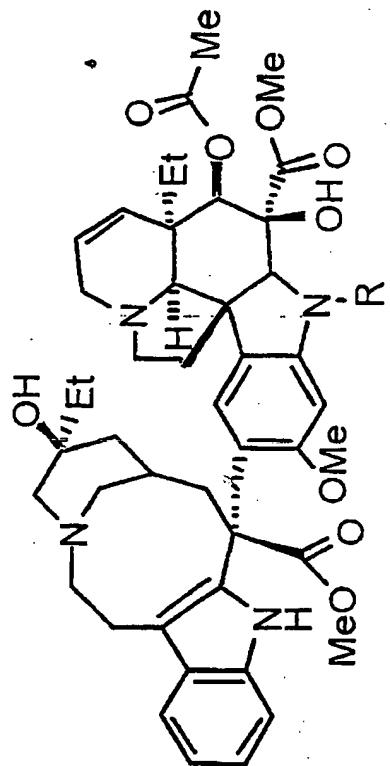
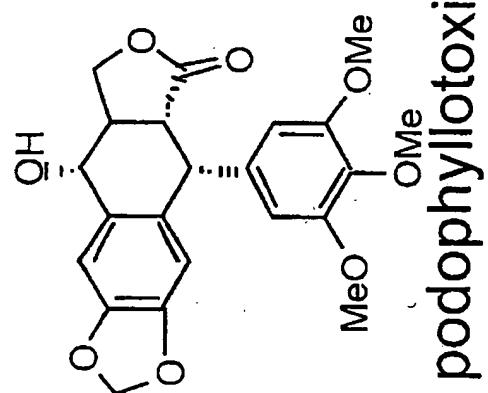
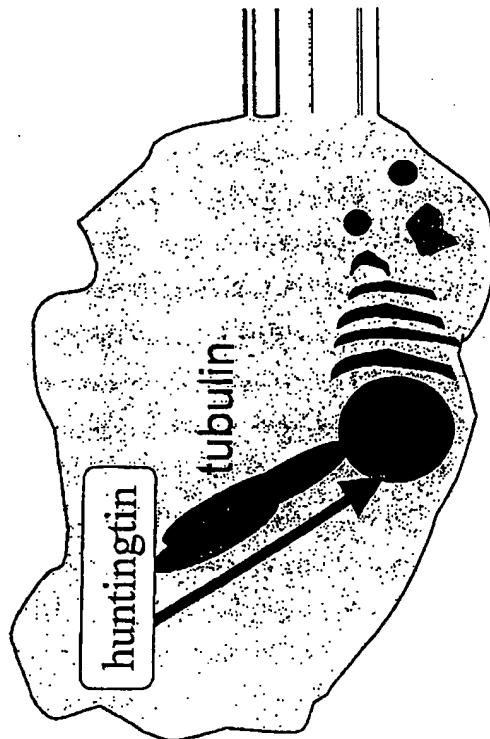


Figure 15



vincristine, vinblastine



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